NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT

North Dakota Agricultural Statistics Service

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

Released: May 10, 2004
For Week Ending: May 9, 2004
ND-CW1904

General: Above normal daytime temperatures and dry conditions continued last week as planting progress stayed well ahead of the five-year (1999-2003) average, according to the North Dakota Agricultural Statistics Service. Dry, windy conditions continued to stress germinating and emerged crops. Despite light rains late in the week, topsoil and subsoil moisture supplies continued to decline. Topsoil moisture supplies as of May 9 were rated 14 percent very short, 40 short, 45 adequate and 1 surplus, compared to last year at 3 percent very short, 8 short, 73 adequate and 16 surplus. This was also drier than the five-year average at 2 percent very short, 7 short, 70 adequate and 21 surplus. On average statewide, there were 6.6 days suitable for fieldwork. Now that calving and lambing are almost done, ranchers started to work calves and move cattle to pastures. Army cutworm damage, mainly in alfalfa, was reported in the southwest corner of the state.

Crops: Crop planting progress continued ahead of the five-year average for all crops. As of May 9, spring wheat was 78 percent planted, and durum was 46 percent, both well ahead of the average and last year. Spring and durum wheat were 39 and 20 percent emerged, respectively. Emergence of spring wheat was more than two weeks ahead of last year. Barley plantings gained 25 percent this week to bring the total to 70 percent, more than double the average. Canola and soybean planting were a week ahead of normal. Sugarbeet seeding was virtually complete.

Livestock: Forage grass growth was slowed by cool nights and dry conditions. Pastures and ranges were rated at 89 percent growing, compared with 92 percent last year. Pasture and range conditions were rated 9 percent very poor, 32 poor, 38 fair and 21 good. Stockwater supplies were rated 3 percent very short, 19 short, 77 adequate and 1 surplus. Calving and lambing were 95 percent complete, compared with 94 percent last year.

Small Grain Development Progress [1/]
May 9, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
BARLEY				
Planted	70	45	44	32
Emerged	30	12	21	11
DURUM WHEAT				
Planted	46	31	26	20
Emerged	20	8	12	7
HRS WHEAT				
Planted	78	56	55	43
Emerged	39	21	31	19
OATS				
Planted	74	54	47	39
Emerged	36	13	21	14

1/ Crop development percents represent all acreage in or beyond each stage.

Late Season Crop Development Progress [1/]
May 9, 2004 with Comparisons

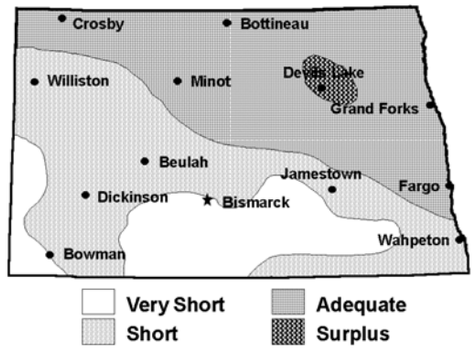
Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
CANOLA				
Planted	59	28	34	34
Emerged	9	2	10	9
CORN, ALL				
Planted	73	48	55	40
Emerged	7	0	9	7
DRY EDIBLE BEANS				
Planted	3	1	1	1
FLAXSEED				
Planted	39	19	18	19
Emerged	5	1	4	4
POTATOES				
Planted	43	14	24	30
Emerged	4	1	4	2
SOYBEANS				
Planted	27	5	9	6
Emerged	0	NA	1	0
SUGARBEETS				
Planted	99	87	82	65
Emerged	22	10	23	19
SUNFLOWER				
Planted	4	2	2	1

1/ Crop development percents represent all acreage in or beyond each stage. NA = Not Available

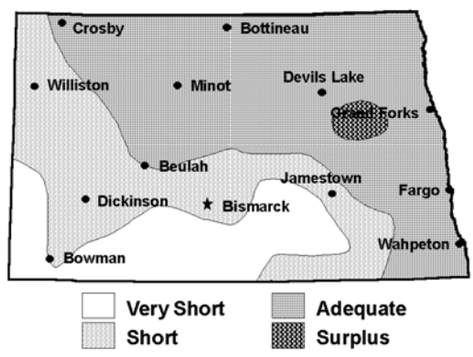
Soil Moisture: North Dakota, May 9, 2004

Date	Very Short	Short	Adequate	Surplus
		(Percent)		
TOPSOIL				
This Week	14	40	45	1
Last Week	11	31	55	3
Last Year	3	8	73	16
1999-03 Avg	2	7	70	21
SUBSOIL				
This Week	14	33	52	1
Last Week	11	31	56	2
Last Year	9	21	63	7
1999-03 Avg	3	13	70	14

Topsoil Moisture Supplies
May 9, 2004



Subsoil Moisture Supplies
May 9, 2004



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CROP WEATHER

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Soil Temperatures: Average soil temperatures on May 9 ranged from a low of 53 degrees F in Langdon to a high of 66 degrees F in Linton. These readings reflect daily average temperatures under 4 inches of bare soil and are recorded by the North Dakota Agricultural Weather Network (NDAWN).

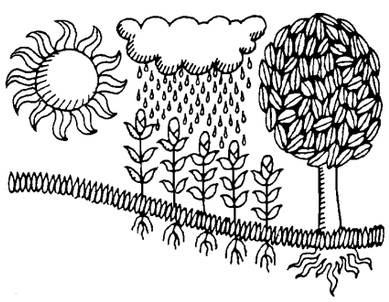
Average Soil Temperatures*, May 9, 2004

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	56	Carrington	62
Minot	61	Robinson	56
Williston	60	Streeter	58
NORTH CENTRAL		EAST CENTRAL	
Baker	59	Dazey	57
Bottineau	54	Fargo	60
Rolla	57	SOUTHWEST	
NORTHEAST		Bowman	61
Cavalier	59	Dickinson	63
Grand Forks	59	SOUTH CENTRAL	
Langdon	53	Linton	66
WEST CENTRAL		SOUTHEAST	
Turtle Lake	62	Oakes	64
Watford City	60	Wyndmere	60

* Thermometers located 4 inches under bare soil.Source: NDAWN, Department of Soil Science, NDSU.

Weather: Most of the state saw fairly dry and windy conditions over much of the week with average high temperatures in the 70s and winds of 15 to 25 mph. The eastern regions recorded 0.20 to 0.50 of an inch of precipitation in the latter parts of the week.

Outlook, May 10-16: The wind will again peak in the 20 to 30 mph range and will become northerly by midweek. The northerly shift in winds will drop the high temperatures from the 60s to the upper 40s at week's end. Precipitation will be moving through the region Tuesday into Thursday with possible severe weather, with the northwest region seeing the most.



Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 9, 2004

District Averages		Average Temperature		Seasonal Precipitation Beginning April 1		
		Past Week	Depart Normal 1/	Past Week	Total	Depart Normal 1/
		(Degrees F)			(Inches)	
Northwest	(1)	54	5	0.04	0.43	-1.77
N. Central	(2)	53	3	0.14	0.56	-1.71
Northeast	(3)	56	5	0.08	1.19	-0.71
W. Central	(4)	58	6	0.13	0.51	-1.95
Central	(5)	59	7	0.30	0.92	-1.37
E. Central	(6)	58	6	0.25	0.52	-1.81
Southwest	(7)	58	8	0.01	0.60	-1.94
S. Central	(8)	60	8	0.16	0.81	-1.65
Southeast	(9)	58	5	0.05	0.64	-1.61

1/ Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 9, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal 1/
	(Degrees F)			(Inches)	
(1) Bowbells	78	23	0.00	0.57	-1.48
Williston	81	33	0.01	0.25	-1.61
Mohall	76	28	0.07	0.53	-1.67
Minot	79	36	0.05	0.38	-2.28
(2) Baker	76	36	0.23	0.67	-1.94
Bottineau	75	24	0.04	0.50	-1.65
Rugby	75	31	0.00	0.50	-1.71
(3) Cando	76	33	0.09	0.94	-0.73
Cavalier	79	30	0.09	1.75	-0.23
Forest River	80	37	0.01	0.78	-1.33
Grand Forks	83	34	0.16	0.36	-1.50
Langdon	74	29	0.12	1.60	-0.13
St. Thomas	78	34	0.03	1.73	-0.38
(4) Hazen	80	37	0.11	0.68	-2.10
Turtle Lake	80	34	0.10	0.43	-1.99
Watford City	81	34	0.17	0.42	-1.75
(5) Carrington	83	37	0.08	0.83	-1.51
Harvey	81	39	0.14	0.59	-1.58
Jamestown	82	30	0.68	1.38	-0.66
Robinson	80	38	0.39	1.03	-1.33
Streeter	80	36	0.20	0.75	-1.79
(6) Dazey	82	33	0.33	0.82	-1.34
Fargo	84	34	0.07	0.15	-2.26
Hillsboro	84	30	0.34	0.60	-1.83
(7) Beach	83	34	0.00	0.38	-1.83
Bowman	82	35	0.00	0.72	-1.64
Dickinson	81	35	0.02	0.78	-1.95
Hettinger	83	35	0.01	0.51	-2.36
(8) Mandan	83	38	0.25	0.79	-1.50
Linton	83	37	0.06	0.82	-1.80
(9) Edgeley	82	35	0.02	0.68	-1.86
Oakes	83	33	0.13	0.71	-1.81
Wyndmere	86	31	0.01	0.54	-1.44

1/ Normal is the 1961-90 average. NA=Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.